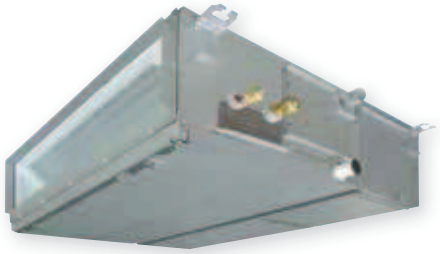


Wide range of applications

The use of ducts ensures flexible installations even in complex room layouts as polygonal rooms, narrow rooms or indoor spaces with fixtures and obstacles.

Whatever the shape of the room, ducted units ensure uniform temperatures in it. It's ideal for hotels, banks and similar applications, where hidden units and very low noise levels are needed.

Compact size. The reduced height of the unit (275mm) extend the number of possible applications.

New DC fan motor for high external static pressure (max 120 Pa).

PC board panel easily accessible from the side of the unit.

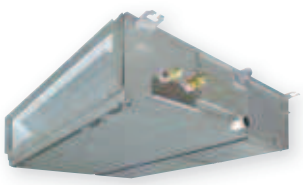
Double option for air intake: rear or bottom, plus a pre-punched knockout hole for fresh air supply connection.

High lift drain pump reach up to 290mm enabling flexible condensate removal piping layout design.

SM_BTP

DUCTED

DI AND SDI INVERTER



INDOOR UNITS

RAV-SM406BTP-E
RAV-SM456BTP-E
RAV-SM566BTP-E
RAV-SM806BTP-E
RAV-SM1106BTP-E
RAV-SM1406BTP-E
RAV-SM1606BTP-E

OUTDOOR UNITS

RAV-SP404ATP-E
RAV-SP454ATP-E
RAV-SP564ATP-E
RAV-SP804ATP-E
RAV-SP1104AT-E
RAV-SP1104AT8-E
RAV-SP1404AT-E
RAV-SP1404AT8-E
RAV-SP1604AT8-E
RAV-SM564ATP-E
RAV-SM804ATP-E
RAV-SM1104ATP-E
RAV-SM1404ATP-E
RAV-SM1603AT-E
RAV-SM2244AT8-E
RAV-SM2804AT8-E

REMOTE CONTROLS

Wireless
TCB-AX32E2

Wired
RBC-AMS51E-EN(ES)
RBC-AMS41E
RBC-AMT32E
RBC-AS21E2

SM_BTP + SP_ATP — Performance data with Super Digital Inverter / Series 4

Outdoor unit Indoor unit (Standard Duct)			RAV-SP404ATP-E RAV-SM406BTP-E	RAV-SP454ATP-E RAV-SM456BTP-E	RAV-SP564ATP-E RAV-SM566BTP-E	RAV-SP804ATP-E RAV-SM806BTP-E	RAV-SP1104AT-E RAV-SM1106BTP-E	RAV-SP1104AT8-E RAV-SM1106BTP-E	RAV-SP1404AT-E RAV-SM1406BTP-E	RAV-SP1404AT8-E RAV-SM1406BTP-E	RAV-SP1604AT8-E RAV-SM1606BTP-E
Cooling capacity	kW		3,6	4,0	5,0	7,1	10,0	10,0	12,5	12,5	14,0
Cooling range (min. - max.)	kW		1,5 - 4,0	1,5 - 5,6	1,2 - 5,6	1,9 - 8,0	2,6 - 12,0	2,6 - 12,0	2,6 - 14,0	2,6 - 14,0	2,6 - 16,0
Power input (min. - rated - max.)	kW	C	0,36 - 1,06 - 1,49	0,36 - 1,23 - 1,49	0,21 - 1,56 - 2,05	0,30 - 2,06 - 2,88	0,64 - 2,64 - 3,80	0,66 - 2,64 - 4,01	0,64 - 3,83 - 4,47	0,66 - 3,86 - 4,89	0,66 - 4,65 - 6,50
EER	W/W		3,40	3,25	3,21	3,45	3,79	3,79	3,26	3,24	3,01
SEER			5,12	5,00	4,88	5,88	5,65	5,65	-	-	-
Energy efficiency class		C	A	B	B	A+	A+	A+	-	-	-
Seasonal electricity consumption	kWh/a	C	247	280	359	423	619	619	-	-	-
Heating capacity	kW		4,0	4,5	5,6	8,0	11,2	11,2	14,0	14,0	16,0
Heating range (min. - max.)	kW		1,5-5,0	1,5-4,5	0,9 - 7,4	1,3 - 10,6	2,4 - 13,0	2,4 - 15,6	2,4 - 16,5	2,40 - 18,0	2,4 - 19,0
Power input (min. - rated - max.)	kW	H	0,36 - 1,04 - 2,20	0,36 - 1,24 - 2,30	0,17 - 1,55 - 2,51	0,27 - 2,21 - 3,50	0,52 - 2,77 - 4,00	0,53 - 2,77 - 4,42	0,52 - 3,67 - 4,50	0,53 - 3,67 - 5,71	0,53 - 4,60 - 6,96
COP	W/W		3,85	3,63	3,61	3,62	4,04	4,04	3,81	3,81	3,48
SCOP (Average)			4,02	3,93	4,01	4,00	3,87	3,87	-	-	-
Energy efficiency class (Average)		H	A+	A	A+	A+	A	A	-	-	-
Seasonal electricity consumption	kWh/a	H	1533	1675	1884	2448	3906	3906	-	-	-

SM_BTP + SP_ATP — Performance data with Digital Inverter / Series 4

Outdoor unit Indoor unit (Standard Duct)			RAV-SM564ATP-E RAV-SM566BTP-E	RAV-SM804ATP-E RAV-SM806BTP-E	RAV-SM1104ATP-E RAV-SM1106BTP-E	RAV-SM1404ATP-E RAV-SM1406BTP-E	RAV-SM1603AT-E RAV-SM1606BTP-E
Cooling capacity	kW		5,0	6,7	10,0	12,1	14,0
Cooling range (min. - max.)	kW		1,5 - 5,6	1,5 - 7,4	3,0 - 11,2	3,0 - 13,2	3,0 - 16,0
Power input (min. - rated - max.)	kW	C	0,31 - 1,83 - 2,05	0,31 -2,38 - 2,76	0,60 - 3,14 - 4,50	0,60 - 4,42 - 4,71	0,65 - 5,13 - 6,50
EER			2,73	2,82	3,18	2,74	2,73
SEER			4,8	5,04	5,03	-	-
Energy efficiency class		C	B	B	B	-	-
Seasonal electricity consumption	kWh/a	C	365	466	696	-	-
Heating capacity	kW		5,3	7,7	11,2	12,8	16,0
Heating range (min. - max.)	kW		1,5 - 6,3	1,5 - 9,0	3,0 - 12,5	3,0 - 16,0	3,0 - 18,0
Power input (min. - rated - max.)	kW	H	0,31 - 1,62 - 2,47	0,31 -2,32 - 3,18	0,60 - 2,99 - 4,00	0,60 - 3,55 - 4,55	0,65 - 4,69 - 6,89
COP	W/W		3,27	3,32	3,75	3,61	3,41
SCOP (Average)			3,98	3,83	4,14	-	-
Energy efficiency class (Average)		H	A	A	A+	-	-
Seasonal electricity consumption	kWh/a	H	1549	2450	2569	-	-

SM_BTP — Physical data Indoor unit

Indoor unit		RAV-SM406BTP-E	RAV-SM456BTP-E	RAV-SM566BTP-E	RAV-SM806BTP-E	RAV-SM1106BTP-E	RAV-SM1406BTP-E	RAV-SM1606BTP-E
Air Flow (h/l)	m3/h - l/s	800/480 - 222/133	800/480 - 222/133	800/480 - 222/133	1200/720 - 333/200	2100/1260 - 583/350	2100/1260 - 583/350	2100/1260 - 583/350
Sound pressure level (h-m-l)	dB(A)	33-29-25	33-29-25	33-29-25	34-30-26	40-36-33	40-36-33	40-36-33
Sound power level (h-m-l)	dB(A)	48-44-40	48-44-40	48-44-40	49-45-41	55-51-48	55-51-48	55-51-48
Dimensions (HxWxD)	mm	275x700 x750	275x700x750	275x700x750	275x1000x750	275x1400x750	275x1400x 50	275x1400x750
Weight	kg	23	23	23	30	40	40	40
External static pressure (stand/upper limit)	Pa	30/120	30/120	30/120	30/120	50/120	50/120	50/120

C = cooling mode
H = heating mode
h-m-l = high - medium -low speed